AllFusion™ Endevor® Change Manager

Quick Edit Option User Guide

4.0

ENQEU400

First Edition, December 2002

Contents

Chapter 1. Installation Information

1.1 Installation and Implementation Considerations

This chapter provides the information you need to install the AllFusion Endevor Change Manager Quick Edit Option (or simply Endevor Quick Edit).

In this guide, AllFusion Endevor Change Manager is referred to simply as Endevor.

1.1.1 Overview

You can begin this section once you have followed the installation instructions provided in the *Installation Guide*.

There are six steps that remain to be done in order to complete the Endevor Quick Edit installation:

Step	Action
1	Update the Endevor Defaults Table (as needed).
2	Define Endevor Quick Edit to ISPF.
3	Set new default values for selected fields. This step is optional.
4	Write the Edit Session Startup command. This step is optional.
5	Review ENDES000.
6	Rename module ENDIEI45.

1.1.2 Step 1: Update the Endevor Defaults Table

There are three parameters in the Endevor Defaults Table that need to be updated or reviewed when you install Endevor Quick Edit. See the *Installation Guide* for complete information about updating the Endevor Defaults Table.

- Type Y as the value for the EDIT ELEMENT parameter in the TYPE=MAIN macro:

  ```
  EDITELM=Y,
  ```

- Review whether Endevor Quick Edit will support mixed case entries in the CCID, COMMENT, and DESCRIPTION fields.

Enter one or more of the following values in the MIXEDFMT= parameter in the TYPE=MAIN macro:

Value	Definition
CCID	Accept mixed case in CCID fields.
Comment	Accept mixed case in COMMENT fields.
Description	Accept mixed case in DESCRIPTION fields.
All	Accept mixed case in all three fields.
None	Do not accept mixed case in any field.

If you enter more than one value, enclose the values in parentheses and separate them with a comma. See the example below:

```
MIXEDFMT=(CCID,COMMENT)
```

If you enter only one value, you do not need to enclose the entry in parentheses:

```
MIXEDFMT=ALL
```

Note that changes to this parameter effect both Endevor as well as Endevor Quick Edit.

- You need to review whether you want the element that is fetched during Quick Edit processing to be signed out to you if it isn't already signed out to someone else. The parameter in the TYPE=MAIN macro that controls this is SOFETCH=Y/N.

  Note that changes to this parameter affect both Endevor as well as Endevor Quick Edit.

1.1.3 Step 2: Define Endevor Quick Edit to ISPF

You can invoke Endevor Quick Edit from any standard ISPF selection menu. Use the CLIST provided on the installation tape--member ENDICLS1 in ISRCLIB.

The CLIST must be copied to a data set that is allocated to the standard SYSPROC DD concatenation.

The CLIST shown below is the one that is provided on the installation tape. Tailor it to meet the requirements for your site.

```
PROC 0 DEBUG(NO)
/*-------------------------------------------------------------------*/
/*                                                                   */
/* (C) 2002 COMPUTER ASSOCIATES INTERNATIONAL, INC (CA)              */
/*                                                                   */
/* Name: ENDICLS1                                                    */
/*                                                                   */
/* Function: This CLIST allows the Endevor user to invoke            */
/* the Endevor Quick Edit dialog without allocating the Endevor      */
/* libraries to the standard ISPF library definitions.  The CLIST    */
/* uses ISPF LIBDEF service to allocate alternate panel, message     */
/* and skeleton library data sets.                                   */
/* The CLIST will also establish an alternate CLIST library through  */
/* the TSO/E ALTLIB service.  The ALTLIB service is available only   */
/* with TSO/E Version 2 or greater.  If you are not running with     */
/* TSO/E version 2 then the two ALTLIB commands must be removed or   */
/* commented.                                                        */
/*                                                                   */
/* Note: All dataset names will have to be customized to your site   */
/* specifications.                                                   */
/*                                                                   */
/*-------------------------------------------------------------------*/
CONTROL NOLIST NOMSG
IF (&STR(&DEBUG) EQ YES) THEN +
  CONTROL LIST MSG

/*-------------------------------------------------------------------*/
/* Verify that ISPF is active.  If ISPF is NOT active, write an error*/
/* message and terminate the CLIST.                                  */
/*-------------------------------------------------------------------*/
IF (&STR(&SYSISPF) NE &STR(ACTIVE)) THEN +
  DO
    WRITE &STR(*-------------------------------------------------*)
    WRITE &STR(* This CLIST is available only if ISPF is active *)
    WRITE &STR(*-------------------------------------------------*)
    EXIT CODE(16)
  END
/*-------------------------------------------------------------------*/
/* Allocate an alternate CLIST library.  If you are NOT running under*/
/* at least TSO/E version 2 then you must remove the following       */
/* statement and you will have to either add the ISRCLIB to the      */
/* SYSPROC library or copy the contents of the ISRCLIB into a dataset*/
/* that is part of the SYSPROC concatenation .                       */
/*-------------------------------------------------------------------*/
ALTLIB ACTIVATE APPLICATION(CLIST) DATASET('iprfx.iqual.ISRCLIB')
/*-------------------------------------------------------------------*/
/* Allocate the CONLIB dataset.                                      */
/*-------------------------------------------------------------------*/
FREE FI(CONLIB)
ALLOC FI(CONLIB) DA('iprfx.iqual.CONLIB') SHR
```

```
/*-------------------------------------------------------------------*/
/* Use the ISPF LIBDEF service to define alternate panel, message    */
/* and skeleton libraries.                                           */
/*-------------------------------------------------------------------*/
ISPEXEC LIBDEF ISPPLIB DATASET ID('iprfx.iqual.ISPPLIB')
ISPEXEC LIBDEF ISPMLIB DATASET ID('iprfx.iqual.ISPMLIB')
ISPEXEC LIBDEF ISPSLIB DATASET ID('iprfx.iqual.ISPSLIB')

/*-------------------------------------------------------------------*/
/* Invoke the Endevor Quick Edit Dialog driver.                      */
/*-------------------------------------------------------------------*/
ISPEXEC SELECT PGM(ENDIE000) NOCHECK NEWAPPL(CTLI) PASSLIB

/*-------------------------------------------------------------------*/
/* Free the ISPF LIBDEF definitions.                                 */
/*-------------------------------------------------------------------*/
ISPEXEC LIBDEF ISPPLIB
ISPEXEC LIBDEF ISPMLIB
ISPEXEC LIBDEF ISPSLIB

/*-------------------------------------------------------------------*/
/* Deactivate the alternate CLIST library.  This statement must be   */
/* removed if you are running with a version of TSO that is less than*/
/* TSO/E version 2.                                                  */
/*-------------------------------------------------------------------*/
ALTLIB DEACTIVATE APPLICATION(CLIST)

/*-------------------------------------------------------------------*/
/* Free the CONLIB allocation.                                       */
/*-------------------------------------------------------------------*/
FREE FI(CONLIB)

/*-------------------------------------------------------------------*/
/* Terminate with a return code zero.                                */
/*-------------------------------------------------------------------*/
EXIT CODE(0)
```

After you have created the CLIST, change an ISPF primary or secondary options panel to include an option for Endevor Quick Edit. In the panel shown on the following page, the ISPF/PDF Primary Option Menu has added option EE for Endevor Quick Edit. When you select this option, the CLIST is invoked to begin Endevor Quick Edit.

Note the bold lines in the panel shown next. The first line indicates what to enter to select Endevor Quick Edit. The second line indicates that Endevor Quick Edit should be executed when the defined option is selected. Modify your ISPF panel similarly.

```
%----------------------  ISPF/PDF PRIMARY OPTION MENU  ----------------------
%OPTION  ===>_ZCMD                                                        +
%                                                        +USERID   - &ZUSER
%  0 +ISPF PARMS  - Specify terminal and user parameters  +TIME     - &ZTIME
%  1 +BROWSE      - Display source data or output listings +TERMINAL - &ZTERM
%  2 +EDIT        - Create or change source data          +PF KEYS  - &ZKEYS
%  3 +UTILITIES   - Perform utility functions
%  4 +FOREGROUND  - Invoke language processors in foreground
%  5 +BATCH       - Submit job for language processing
%  6 +COMMAND     - Enter TSO Command, CLIST, or REXX exec
%  7 +DIALOG TEST - Perform dialog testing
%  8 +LM UTILITIES- Perform library administrator utility functions
%  9 +IBM PRODUCTS- Additional IBM program development products
% 10 +SCLM        - Software Configuration and Library Manager
%  E +Endevor     - Endevor Software Management System
% EE +EDIT ELEMENT- Endevor Quick Edit\line
%  C +CHANGES     - Display summary of changes for this release
%  T +TUTORIAL    - Display information about ISPF/PDF
%  X +EXIT        - Terminate ISPF using log and list defaults
%
+Enter%END+command to terminate ISPF.
)INIT
)PROC
&ZQ = &Z
  IF (&ZCMD ¬= ' ')
    &ZQ = TRUNC(&ZCMD,'.')
    IF (&ZQ = ' ')
      .MSG = ISRU000
  &ZSEL = TRANS( &ZQ
                0,'PANEL(ISPOPTA)'
                1,'PGM(ISRBRO) PARM(ISRBRO01)'
                2,'PGM(ISREDIT) PARM(P,ISREDM01)'
                3,'PANEL(ISRUTIL)'
                4,'PANEL(ISRFPA)'
                5,'PGM(ISRJB1) PARM(ISRJPA) NOCHECK'
                6,'PGM(ISRPTC)'
                7,'PGM(ISPYXDR) PARM(ISR) NOCHECK'
                8,'PANEL(ISRLPRIM)'
                9,'PANEL(ISRDIIS)'
               10,'PGM(ISRSCLM) NOCHECK'
                E,'CMD(Endevor)'
               EE,'CMD(ENDICLS1)'\line
                C,'PGM(ISPTUTOR) PARM(ISR00005)'
                T,'PGM(ISPTUTOR) PARM(ISR00000)'
              ' ','  '
                X,'EXIT'
                *,'?' )
  &ZTRAIL = .TRAIL
)END
```

1.1.4 Step 3: Set New Default Values (Optional)

The Endevor customizable dialog fields feature allows you to override default values set for specific options associated with Endevor actions. Endevor Quick Edit supports this feature for five fields:

Dialog Field	Configuration Parameter	Comment
Override Signout	OVERRIDE_SIGNOUT	
Generate Element after Edit	GENERATE_ELEMENT	
Build Using Map	BUILD_USING_MAP	If set to NO, display includes elements in Stage 1 and Stage 2. If set to YES, display includes elements from all stages and environments in the map.
Return First Found	RETURN_FIRST_FOUND	
Generate Processor Mode	GENERATE_MODE	

You can override the assigned default values for these fields by updating and re-assembling the ISPF configuration table, ENDICNFG. See the *Installation Guide* for complete information.

1.1.5 Step 4: Write the Edit Session Startup Command (Optional)

The Endevor Quick Edit Startup command—ENDIEIM1—replaces the ISPF Edit Service's Initial Macro command, which is not supported by Endevor Quick Edit. The command is executed after Endevor Quick Edit invokes the Edit Service, but before the Edit Service displays the ISPF Edit panel. All ISPF/PDF Edit Macro services are available.

You can write the startup command in REXX or CLIST. A sample startup command is provided on the installation tape, in the iprfx.iqual.ISRCLIB data set.

Before Endevor Quick Edit invokes the startup command, it populates a set of ISPF dialog variables in the profile pool. The startup command can use the ISPF VGET service to retrieve the variables from the profile pool and use them as necessary. Any changes that the startup command makes to the variables are ignored.

The following table identifies the variables that are available:

Variable Name	Length	Purpose
ENVBENV	8	Base Environment
ENVBSYS	8	Base System
ENVBSBS	8	Base Subsystem
ENVBTYP	8	Base Type
ENVBSTGI	1	Base Stage ID
ENVBSTGN	1	Base Stage Number (1 or 2)
ENVSENV	8	Source Environment
ENVSSYS	8	Source System
ENVSSBS	8	Source Subsystem
ENVSTYP	8	Source Type
ENVSSTGI	1	Source Stage ID
ENVSSTGN	1	Source Stage Number (1 or 2)
ENVELM	10	Element Name
ENVPRGRP	8	Processor Group specified
ENVCCID	12	CCID
ENVCOM	40	Comment
ENVOSIGN	1	Override Signout value (Y/N)
ENVGENE	1	Generate Element value (Y/N)

You can use the Endevor Quick Edit Startup command to do the following:

- Define aliases for user-written Edit macros.
- Set the Edit profile based on the element type. The sample startup command contains an example of how to set the Edit profile name.
- Write additional information messages.

1.1.6 Step 5: Review ENDES000

The member ENDES000 in ISPSLIB contains the skeleton SCL that is used by Endevor Quick Edit when you execute the generate processor in batch. See the Generate Processor Execution section for more information about generating in batch.

Review ENDES000 and tailor it to meet the requirements of your site as needed.

Note: You may not need to change anything, as an earlier installation step may have made these updates to this member.

DD Statement	Tailor This Value
CONLIB DD DSN=iprfx.iqual.CONLIB,DISP=SHR	iprfx.iqual
C1TPDD01 DD UNIT=tdisk	tdisk
C1TPDD02 DD UNIT=tdisk	tdisk
C1TPLSIN DD UNIT=tdisk	tdisk
C1TPLSOU DD UNIT=tdisk	tdisk

1.1.7 Step 6: Rename Module ENDIEI45

This step is required if you are using Endevor 3.6 and one of the following conditions is true:

- You are not using the Endevor Information/Management Interface.
- You are using the Endevor Information/Management Interface, but not Release 3.6.1.

You must rename module ENDIEI45 in iprfx.iqual.CONLIB to BC1PEI45. Use ISPF/PDF Utilities option 3.1 or any other standard utility.

CAUTION:
If your site meets one of the conditions stated above and you do not rename the module, problems will occur with Endevor Quick Edit.

1.1.8 Endevor Exit Support

Endevor Quick Edit supports the following Endevor exit points:

- Exit 1—Security
- Exit 2—Before Action
- Exit 3—After Action
- Exit 5—Initialization
- Exit 6—Termination

Exits 5 and 6 occur automatically—Exit 5 before Endevor Quick Edit is invoked and Exit 6 after Endevor Quick Edit is invoked.

See the *Exits Guide* for information about each exit.

Endevor Quick Edit handles Exits 2 and 3 as follows:

Action	**Action Name**	**Exit 2 is invoked ...**	**Exit 3 is invoked ...**
Edit	Update (see Note 1)	Before element fetch	After the action, regardless of how Exit 2 completed (see Note 2)
Create	Add	Before invoking the Edit Service	After the action, regardless of how Exit 2 completed (see Note 2)
Generate	Generate	Before invoking the generate processor	After the action, regardless of how Exit 2 completed (see Note 2)

Notes:

1. If the element exists in the target stage, Quick Edit will set UPDATE. However, if the element does not exist in the target stage, then Quick Edit will set ADD.
2. The ENCOPTBL option EXIT2_FAIL_EXIT3 allows you to specify that, in the event that Exit 2 fails, Exit 3 not be invoked. Refer to the *Installation Guide* for more information.

1.2 Documentation Overview

This manual is part of a comprehensive documentation set that fully describes the features and functions of Endevor and explains how to perform everyday tasks. For a complete list of Endevor manuals, see the PDF Table of Contents file in the PDF directory, or the Bookmanager Bookshelf file in the Books directory.

The following section describes product conventions.

1.3 Name Masking

A name mask allows you to specify all names, or all names beginning with a particular string, to be considered when performing an action.

Name masks are valid on:

- Element names
- Environment names
- System, subsystem, and type names within FROM clauses
- Report syntax
- ISPF panels
- API requests

Name masks are not valid on:

- Element names in the following situations:
  - When entering a LEVel in a statement
  - When using the MEMber clause with a particular action
  - When building a package

1.3.1 Usage

There are three ways to mask names: by using the wildcard character (*), by using the placeholder character (%), and by using both together.

The wildcard (*) can be used in one of two ways to specify external file names:

- When coded as the only character of a search string, Endevor returns all members of the search field. For example, if you coded the statement ADD ELEMENT *, all elements would be added.
- When coded as the last character of a search string, Endevor returns all members of the search field beginning with the characters in the search string preceding the wildcard. For example, the statement ADD ELEMENT UPD* would add all elements beginning with "UPD", such as UPDATED or UPDATE.

Note: You cannot use more than one wildcard in a string. The statement ADD ELEMENT U*PD* would result in an error.

The placeholder (%) can also be used in one of two ways:

- When coded as the last character in a string, Endevor returns all members of the search field, beginning with the characters in the search string preceding the placeholder, but which have no more characters than were coded in the search string. If you coded the statement ADD ELEMENT UPD%, only those elements

with four-character-long names beginning with "UPD" (UPD1 or UPDA, for example) would be added.

- It is also possible to use the placeholder multiple times in a single search string. The statement ADD ELEMENT U%PD% would return all elements with five-character-long names that have U as the first character, and PD third and fourth.

The wildcard and the placeholder can be used together, provided that the wildcard appears only at the end of the search string and is used only once. An example of a statement using both the wildcard and the placeholder is ADD ELEMENT U%D*. This statement would add elements with names of any length that have U as the first character and D as the third.

Chapter 2. Using Endevor Quick Edit

2.1 Overview

This chapter explains the Endevor Quick Edit feature and how to use it.

2.1.1 Endevor Quick Edit Processing

In order to make a change to an element using standard Endevor services, you perform the following steps:

1. Use the RETRIEVE action to write the element to an external data set.
2. Use an editor to make the appropriate changes to the data set.
3. Use the ADD or UPDATE action to place the element back under Endevor control.

When you select the Endevor Quick Edit option for an element, Endevor Quick Edit does the following:

1. Writes a copy of that element to an external data set.
2. Invokes the ISPF/PDF editor so you can change the element.
3. Adds or updates the element to Endevor when you finish your changes.

Important! When Endevor Quick Edit copies the element, it is not performing a standard Endevor RETRIEVE request. Therefore, some RETRIEVE processing is not done. For example, the RETRIEVE CCID and COMMENT fields are not updated. The element will be signed out to you after you have saved it back into Stage 1 of the base environment. Additionally, if the Endevor Defaults table parameter Signout Fetch (SOFETCH) is set to Y, when fetch processing occurs, the fetched element will be signed out to you if it isn't already signed out to someone else. If the value of SOFETCH is N, the fetched element will not be signed out. In either case, the element which is put in the entry stage will be signed out to you.

2.1.2 How Does Endevor Quick Edit Function?

Endevor Quick Edit functions in essentially the same manner as standard Endevor processing. Any deviations from the standard are noted in the appropriate discussions.

- Endevor Quick Edit supports element selection by environment, system, subsystem, and type.
- Endevor Quick Edit supports WHERE CCID and WHERE PROCESSOR GROUP filters.
- Endevor Quick Edit supports searching the environment map.

- Endevor Quick Edit performs signout override checking when an element is selected. Additionally, if the Endevor Defaults table parameter Signout Fetch (SOFETCH) is set to Y, when fetch processing occurs, the fetched element will be signed out to you if it isn't already signed out to someone else. If the value of SOFETCH is N, the fetched element will not be signed out. In either case, the element which is put in the entry stage will be signed out to you.
- Endevor Quick Edit provides the ability to delete elements and/or an element component list from Endevor.
- Endevor Quick Edit provides the ability to move elements from one inventory location to the next location on a map route.
- Endevor Quick Edit allows you to copy an element from an Endevor inventory location into the Endevor Quick Edit ISPF/PDR Edit session.
- Endevor Quick Edit executes the generate processor when the element is added back into Endevor after it has been edited. You can generate in either foreground or batch. You can optionally override the execution of the generate processor. You can also provide a processor group to be associated with the element.
- Endevor Quick Edit provides the ability to generate an element.
- Endevor Quick Edit displays element or component list changes or history, as well as Master Control File information.
- Endevor Quick Edit works with prior levels of an element. Note, however, that a prior level of the element cannot be generated.
- Endevor Quick Edit provides full support for the CCIDs and comments that are associated with the element *only* when the element is being added back into Endevor or generated.
- Endevor Quick Edit uses the Endevor Security system to verify that the user is authorized to perform the requested action against the element. See the Security section for more information.
- Endevor Quick Edit provides the ability to display the processor output components for an element (i.e., compile listings).
- Endevor Quick Edit provides the ability to directly display the element processor output listing from the component list.
- Endevor Quick Edit provides access to the package functionality of Endevor.

2.1.3 The ISPF/PDF Edit Services

Endevor Quick Edit uses the standard ISPF/PDF Edit services to allow you to make changes to an existing element or create a new element. You edit a copy of the element, which has been written to an external data set. All of the standard Edit commands and services are available.

2.1.4 Glossary

You should be familiar with the following terms:

Term	Definition
Base environment	The environment name entered on the Endevor Quick Edit panel or the environment selected from the Environment Selection List. The element is added back to the entry stage at the base environment after you have edited the element.
Entry stage	The stage in an environment at which an ADD or UPDATE action can be performed. In Endevor, only Stage 1 can be an entry stage.

2.2 About Endevor Quick Edit

2.2.1 Before You Begin

Before you begin working with Endevor Quick Edit, you should familiarize yourself with some of the processing "conventions" in use. These conventions are discussed in the remainder of this section.

2.2.2 What's Different?

There are two differences between standard Endevor processing and Endevor Quick Edit processing:

- The environment name can be wildcarded.
- You can edit, generate, or display an element from the same Element Selection List. (See Element Selection List.)

2.2.3 Information Shared with the Endevor Dialog

Endevor Quick Edit shares default fields with the Endevor dialog. Therefore, changes made to these fields in Endevor Quick Edit are reflected in the Endevor dialog. The changes take place when one dialog is terminated and the other is initiated.

For example, if you change the environment from DEV to PROD while working with Endevor Quick Edit, the environment will be changed in Endevor. Similarly, if you change the default primary workspace allocation in Endevor, that change appears on the Endevor User Defaults panel for the Quick Edit function.

2.2.4 Stage 1 of the Base Environment

Endevor Quick Edit begins all work at Stage 1 of the base environment, which is also known as the *entry stage*. When Endevor Quick Edit searches for an element, it begins at Stage 1 of the base environment. When Endevor Quick Edit adds, updates, or generates the element, it does so at Stage 1 of the base environment. No matter where an element might be found on the map, Endevor Quick Edit always copies the element, if necessary, to Stage 1 of the base environment to perform the requested function.

Endevor Quick Edit supports the BUILD USING MAP option. This option allows you to search for elements along the entire map. When you use an element from up the map, and that element exists in a stage not on the map route and before the stage from which the element is taken, you have an "element jump" situation.

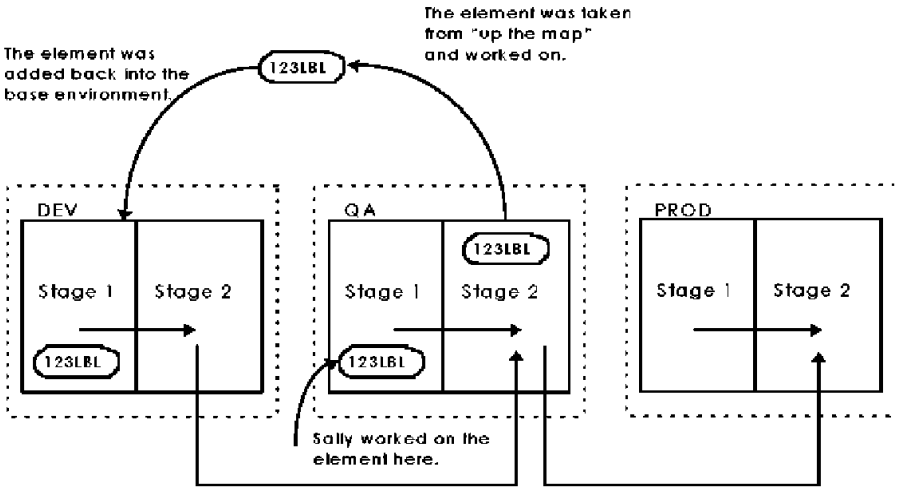
You can always move from Stage 1 to Stage 2 in any environment, whether or not that particular route has been defined as part of your map. Be aware, though, that changes made to an element returned from "up the map" can override changes made to that same element in an "in-between" stage. You must be careful not to regress changes when you select an element that is up the map.

See the diagram below. The defined map uses the following route:

```
DEV Stage 1→Stage 2→QA Stage 2→PROD Stage 2
```

The diagram depicts the following scenario:

Based on a request you made, Endevor Quick Edit returns element 123LBL from QA Stage 2. You work on it and add it back into DEV Stage 1. Sally, however, has worked on the same element in QA Stage 1 and has already moved it from there to QA Stage 2. As element 123LBL moves up the map to QA stage 2, the changes you made will override the changes Sally made.



2.2.5 Generate Processor Execution

Endevor Quick Edit allows for generate processing in either foreground or batch. Endevor Quick Edit honors the FOREGROUND EXECUTION indicator for the generate processor associated with the processor group for the element.

- If the GENERATE ELEMENT AFTER EDIT field is set to *N*, the generate processor is not invoked.
- If the generate processor mode is set to B and the GENERATE ELEMENT AFTER EDIT field is set to *Y*, the generate processor is executed in batch.
- If the generate processor mode is set to B and both the GENERATE ELEMENT AFTER EDIT field and the FOREGROUND EXECUTION indicator are set to *Y*, the generate processor is executed in foreground. If the FOREGROUND EXECUTION indicator is set to *N*, Endevor Quick Edit handles generate processing as follows:

For this action . . .	**Endevor Quick Edit . . .**	**And . . .**
Create or Edit	Allows you to make source changes to the element. The element is not generated.	A set of ===MSG> lines appear in the ISPF Edit panel, warning the user that the element will not be generated.
Generate	Terminates the request.	An error message is returned, indicating that the generate processor cannot be executed in foreground mode.

2.2.6 Move Processor Execution

Endevor Quick Edit allows for move processing in either foreground or batch. Endevor Quick Edit honors the FOREGROUND EXECUTION indicator for the move processor associated with the processor group for the element.

- If the move processor mode is set to B and the FOREGROUND EXECUTION indicator is set to *Y*, the move processor is executed in foreground. If the FOREGROUND EXECUTION indicator is set to *N*, Endevor Quick Edit handles move processing as follows:

For this action . . .	Endevor Quick Edit . . .	And . . .
Move	Terminates the request.	An error message is returned, indicating that the move processor cannot be executed in foreground mode.

2.2.7 Delete Processor Execution

Endevor Quick Edit allows for delete processing in either foreground or batch. Endevor Quick Edit honors the FOREGROUND EXECUTION indicator for the delete processor associated with the processor group for the element.

- If the delete processor mode is set to B and the FOREGROUND EXECUTION indicator is set to *Y*, the delete processor is executed in foreground. If the FOREGROUND EXECUTION indicator is set to *N*, Endevor Quick Edit handles delete processing as follows:

For this action . . .	Endevor Quick Edit . . .	And . . .
Delete	Terminates the request.	An error message is returned, indicating that the move processor cannot be executed in foreground mode.

2.2.8 Save vs. End vs. Cancel: Summary

The ISPF/PDF Edit SAVE, END, and CANCEL commands operate differently under Endevor Quick Edit than in a standard ISPF/PDF Edit session. The commands are summarized below. See the table in Save vs. End vs. Cancel: Detail for details.

- **SAVE:** When you type SAVE, Endevor Quick Edit creates a new level of the element at Stage 1 of the base environment. The element is **not** generated. You remain within the Edit session.

  If you save the element without making any changes, you receive a message indicating that no changes were detected. A new level of the element is not created.

- **END:** When you type END, Endevor Quick Edit terminates the edit session. If you have made changes to the element, Endevor Quick Edit adds or updates the element at the entry stage and then generates it.
- **CANCEL:** When you type CANCEL, the edit session terminates. Any changes made after the last explicit SAVE command are lost. The element is **not** generated.

2.2.9 Save vs. End vs. Cancel: Detail

The table below provides information about how the SAVE, END, and CANCEL commands work in various scenarios. Note that you will receive related information messages (not listed here) in each situation.

Command	Endevor Quick Edit Does This
SAVE an existing element, no changes made	Does not create a new level of the element. You remain in the edit session.
SAVE a new element or an existing element, to which changes have been made	Creates a new level of the element at Stage 1 of the base environment. You remain in the edit session.
END for an existing element, no changes made	Terminates the edit session.
END for an existing element to which changes have been made	Creates a new level of the element at Stage 1 of the base environment, generates the element, and terminates the edit session.
END for an existing element to which changes have been made and a SAVE command issued. No changes made after the SAVE command.	Generates the element, and terminates the edit session.
END for a new element	Adds the element at Stage 1 of the base environment, generates the element, and terminates the edit session.
END for a new element, with a SAVE command issued after one or more changes have been made. No changes made after the SAVE command.	Generates the element, and terminates the edit session.
CANCEL, no changes made	Terminates the edit session and does not create a new level.
CANCEL, one or more changes made	Terminates the edit session and does not create a new level or generate the element.

Command	Endevor Quick Edit Does This
CANCEL, with a SAVE command issued after one or more changes made. No changes made after the SAVE command.	Terminates the edit session and does not generate the element.
CANCEL, with a SAVE command issued after one or more changes made. One or more changes made after the SAVE command was issued.	Terminates the edit session and does not generate the element. (See footnote #2, below.) Any changes made after the SAVE command are lost.

Note:

1. A new level is created by the initial SAVE command. When you issue the END command without making changes after the SAVE command, another new level is **not** created.
2. A new level is created by the initial SAVE command. When you issue the END command without making changes after the SAVE command, another new level is **not** created.
3. A new level is created by the initial SAVE command. When you issue the CANCEL command without making changes after the SAVE command, another new level is **not** created.

2.2.10 Element Registration

The element registration feature of Endevor enables you to choose whether you want to restrict the use of the same element name across subsystems within a given system, or element types. Duplicate element names can be problematic; however, there are situations where they are desirable - for example, the same element name is used for a program as well as its JCL.

Endevor provides two options that enable you to allow or disallow duplicate element names. One option enables you to control the use of duplicate element names at the system and subsystem level, and is controlled by the DUPLICATE ELEMENT NAME CHECK parameter of the System Definition panel. The other option enables you to control the use of duplicate element names at the Processor Group level, and is controlled by the DUPLICATE PROC O/P TYPE CHECK parameter of the System Definition panel.

For both the system- and processor-group-level options, Quick Edit responds as follows when a conflict is detected for the element: parameter:

Parameter Value	Quick Edit Response
E (Error)	When a conflict is detected, Quick Edit does not allow the element to be created.
C (Caution)	When a conflict is detected, Quick Edit displays a prompt panel, warning that the conflict exists. If you press Enter, Quick Edit proceeds with the action. If you press End, Quick Edit terminates the action.
W (Warning)	When a conflict is detected, Quick Edit displays a prompt panel, warning that the conflict exists. If you press Enter, Quick Edit proceeds with the action. If you press End, Quick Edit terminates the action.

For more information about the element registration feature of Endevor, see the *Administration Guide*.

2.3 About Endevor Quick Edit Panels

2.3.1 Before You Begin

Endevor Quick Edit panels are discussed individually on the following pages. Each discussion provides field descriptions as well as an illustration of the panel.

2.3.2 Selection List Processing

Endevor inventory location information is provided on the Endevor Quick Edit panel. When you use a wildcard in an Endevor inventory location field or leave that field blank, a selection list may be returned. The DISPLAY SYSTEM/SUBSYS LIST option, the element option selected, and the wildcarded field affect selection list processing.

If a selection list is displayed, you must make a selection from the list in order to continue your work. The value selected replaces the blank or wildcarded entry on the Endevor Quick Edit panel.

You can type *END* on the COMMAND line of the selection list to cancel the function. The panel that is returned when you press ENTER depends on the information provided on the Endevor Quick Edit panel.

Quick Edit selection lists are automatically updated to reflect element changes occurring as a result of EDIT, GENERATE, MOVE, and other relevant actions.

For This Field on the Endevor Quick Edit Panel	Endevor Quick Edit Checks These Fields	And Returns This Panel When You Type END
Environment	No other fields	The Endevor Quick Edit panel
System	Environment	■ If explicitly specified, the Endevor Quick Edit panel ■ If not explicitly specified, the Environment Selection List
Subsystem	Environment, System	■ If both are explicitly specified, the Endevor Quick Edit panel ■ If one or both are not explicitly specified, the previous selection list

For This Field on the Endevor Quick Edit Panel	Endevor Quick Edit Checks These Fields	And Returns This Panel When You Type END
Type	Environment, System, Subsystem	■ If all are explicitly specified, the Endevor Quick Edit panel ■ If one or more are not explicitly specified, the previous selection list

Note: If you type END on the COMMAND line, a value is not designated for the field even if you selected one from the list.

2.3.3 Processing Example

You leave the ENVIRONMENT and SUBSYSTEM fields blank on the Endevor Quick Edit panel. The SYSTEM field contains an explicit name and the DISPLAY SYSTEM/SUBSYS LIST field is set to *Y*. When you press ENTER, an Environment Selection List is returned and you select an environment for the element.

A Subsystem Selection List appears next. You decide you do not want to select a subsystem at this time, so you type *END* on the COMMAND line. Because the ENVIRONMENT field on the Endevor Quick Edit panel was blank, the Environment Selection List is returned.

2.4 Endevor Quick Edit Panel

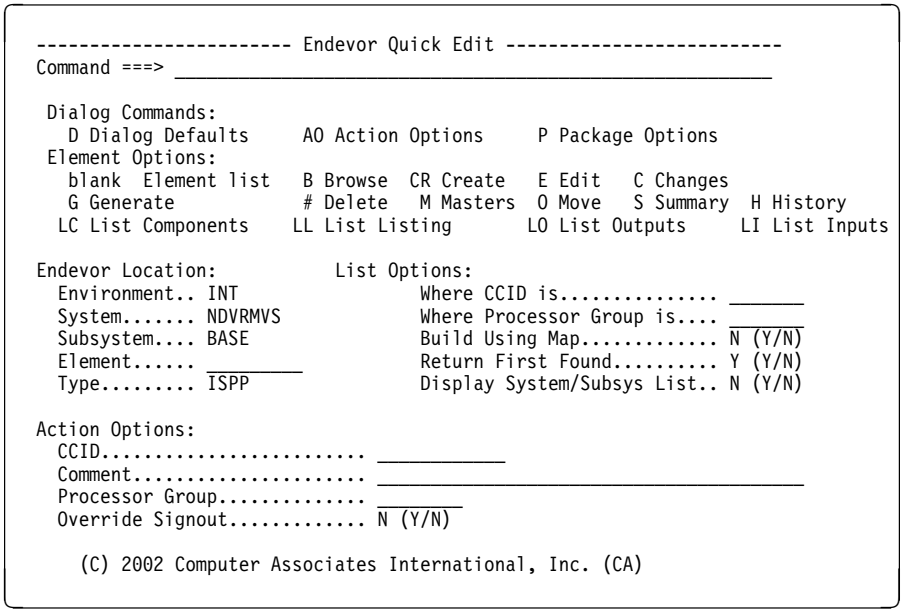
2.4.1 Introduction

The Endevor Quick Edit panel appears when you invoke Endevor Quick Edit from ISPF. There are two types of commands you can enter from this panel:

- Dialog Commands—These commands affect the dialog environment.
- Element Options—These commands manipulate an Endevor element.

2.4.2 Panel

The Endevor Quick Edit panel is shown next:



2.4.3 Command Fields

Enter one of these codes on the COMMAND line to specify the processing you want to perform:

Select This Command	To . . .
D	Display the Endevor User Defaults panel, which allows you to change Endevor Quick Edit defaults. (See Endevor User Defaults.)
AO	Display the Actions Options panel. The Action Options panel allows you to further define your Create, Delete, or Move action requests.
P	Display the Package panel. See the *Packages Guide* for more information.
blank	Display the Element Selection List. (See Element Selection List.)
B	Display the Element Browse panel. (See Browse, Change, and History Panels.) Type *BX* to browse an element component list.
CR	Create a new element. (See Create a New Element.) A blank ISPF/PDF Edit panel is returned when you code this option, allowing you to enter the new element.
E	Display an ISPF/PDF Edit panel, which allows you to edit the element selected. (See Edit Panel.)
C	Display the Element Changes panel. (See Browse, Change, and History Panels.) Type *CX* to see component list changes.
G	Generate the element. (See Generate an Element.)
#	Delete elements and/or an element component list from Endevor.
M	Display the first page of the Master Control File information panels for the element. (See Element Master Displays.)
O	To move an element from one inventory location to the next location on a map route.
S	Display the Summary of Element Levels panel. (See Summary of Element Levels.) Type *SX* to see the Summary of Component Levels panel.

Select This Command	To . . .
H	Display the Element History panel. (See Browse, Change, and History Panels.) Type *HX* to see component list history.
LC	Display Input and Output Components for an element.
LL	Display the Element Listing from the Component List.
LO	Display Output Components for an element.
LI	Display Input Components for an element.

2.4.4 Endevor Location Fields

Enter Endevor inventory location information in these fields. This is the location at which Endevor Quick Edit begins the search for the element.

Field	Description
Environment	The environment associated with the element. You can enter a 1-8 character environment name, leave the field blank, or use a wildcard. If you leave this field blank or use a wildcard, an Environment Selection List is returned. You must select an environment in order to continue.
System	The system associated with the element. You can enter a 1-8 character system name, leave the field blank, or use a wildcard. If you leave this field blank or use a wildcard, selection lists appear as follows: ■ If the DISPLAY SYSTEM/SUBSYS LIST field is set to *Y*, a System Selection List is returned. You must select a system from this list in order to continue. ■ If the DISPLAY SYSTEM/SUBSYS LIST field is set to *N*, Endevor Quick Edit returns an Element Selection List. ■ If you select the CREATE option, the System Selection List is returned no matter what value is set in the DISPLAY SYSTEM/SUBSYS LIST field.
Subsystem	The subsystem associated with the element. You can enter a 1-8 character subsystem name, leave the field blank, or use a wildcard. If you leave this field blank or use a wildcard, selection lists appear as follows: ■ If the DISPLAY SYSTEM/SUBSYS LIST field is set to *Y*, a Subsystem Selection List is returned. You must select a subsystem from this list in order to continue. ■ If the DISPLAY SYSTEM/SUBSYS LIST field is set to *N*, Endevor Quick Edit returns an Element Selection List. ■ If you select the CREATE option, the Subsystem Selection List is returned no matter what value is set in the DISPLAY SYSTEM/SUBSYS LIST field.

Field	Description
Element	The name of the element. You can enter a 1-10 character element name, leave the field blank, or use a wildcard. An explicit element name is required for the CREATE option. If you leave the field blank or use a wildcard, the Element Selection List is returned. You must select an element from this list in order to continue.
Type	The type associated with the element. You can enter a 1-8 character element type, leave the field blank, or use a wildcard. A Type Selection List is returned only when you select the CREATE option. If you leave this field blank or use a wildcard, either the function you requested is performed (if there is only one element involved) or an Element Selection List is returned (if there is more than one element involved).

2.4.5 List Option Fields

Use the first four fields to limit the elements presented in the Element Edit Selection List. The last field in this section determines whether system and subsystem selection lists will be available.

Field	Description
Where CCID is	Specify a CCID to limit the list to those elements whose base, last action, or generate CCID match the CCID specified here. You can use a wildcard in this field.
Where Processor Group is	Specify a processor group name to limit the list to those elements to which the specified processor group is assigned. You can use a wildcard in this field.
Build Using Map	Indicates whether Endevor should search the environment map when building a list of elements. Values are: ■ **Y**—Search the map for all occurrences of the element. ■ **N**—Do not search the map. This is the default.

Field	Description
Return First Found	Indicates whether Endevor should stop searching the map after the first occurrence of the element is found. Values are: ■ **Y**—Return the first matching element found. This is the default. ■ **N**—Search the map for all occurrences of matching elements and return a list.
Display System/Subsys List	Indicates whether the system and subsystem selection lists will appear when the system or subsystem fields do not contain explicit entries. Values are: ■ **Y**—Display the system and subsystem selection lists. ■ **N**—Do not display the system and subsystem selection lists. This is the default. **Note:** If you select the CREATE option, the System and Subsystem Selection Lists are returned, even if this field is set to *N*.

2.4.6 Action Option Fields

Use these fields to further define your action request:

Field	Description
CCID	The CCID associated with this request. A CCID may be required, if indicated on the system level. The CCID can be up to 12 characters in length, and must conform to Endevor CCID naming conventions.
Comment	The comment associated with this request. A comment may be required, if indicated on the system level. Comments can be up to 40 characters in length and cannot include imbedded single quotation marks.
Processor Group	The processor group to be associated with the element. If you enter an explicit processor group name, that processor group must exist. If you use a wildcard, a Processor Group Selection List is returned. If you do not specify a processor group, Endevor determines the appropriate processor group to be used. See the *User Guide* for more information about processor groups.

Field	Description
Override Signout	Indicates whether you can edit or generate this element when it has been signed out to a user other than yourself. In a fetch situation (for Edit or Generate), when override signout is needed, the signout of the element that was fetched will not change to you even if SOFETCH=Y. In the entry stage in which element is put, however, the element will be signed out to you. You must enter a value in this field: ■ **Y**—Override the current signout and allow access to the element. ■ **N**—Do not override the current signout. This is the default.

2.5 Environment Selection List

2.5.1 Introduction

The Environment Selection List appears when you do not provide an explicit environment name on the Endevor Quick Edit panel.

2.5.2 Panel

The Environment Selection List is shown next:

```
----------------------- Environment Selection List ------    ROW 1 TO 2 OF 2
Command ===> _____________________________________________ Scroll ===> PAGE

    Environment  Title
 -  -----------  ----------------------------------------
 _  DEV          Development Environment
 _  PROD         Production Environment
```

2.5.3 Fields

There is only one input field on this panel. See the field descriptions below:

Field	Description
Environment	The environment name. This is for display only.
Selection (no title)	The field used to select the environment you want to use. Type an *S* next to the appropriate environment. *S* is the only valid entry. The environment name selected appears on the Endevor Quick Edit panel when the panel is next accessed. This is the base environment.
Title	The descriptive title for the environment. This is for display only.

2.5.4 Additional Information

The Environment Selection List behaves differently than the other selection lists when a partial environment name (that is, a portion of the name followed by a wildcard) is entered. The selection list begins with the first environment name that matches the wildcarded environment name. The list then provides *all* subsequent environments, as defined in the Endevor Defaults Table, even if those environments do not match the wildcarded criteria.

2.6 System Selection List

2.6.1 Introduction

The System Selection List appears in the following situations:

- When you do not provide an explicit system name on the Endevor Quick Edit panel *and* the DISPLAY SYSTEM/SUBSYS LIST field is set to *Y*.
- When you select the CREATE option on the Endevor Quick Edit panel and you leave the SYSTEM field blank or use a wildcard.

2.6.2 Panel

The System Selection List is shown next:

```
------------------------ System Selection List -----------  ROW 1 TO 3 OF 3
Command ===> _____________________________________________ Scroll ===> PAGE

    Environment: DEV
    System    Title
 -  --------  ------------------------------------------------------------
 _  LGNTLCL   Development Processors
 _  NDVR361   Endevor 3.6.1 DEVELOPMENT
 _  NDVR370   Endevor 3.7.0 DEVELOPMENT
----------------------------- Bottom of the List --------------------------
```

2.6.3 Fields

There is only one input field on this panel. See the field descriptions below:

Field	Description
Environment	The environment name. This is for display only.
Selection (no title)	The field used to select the system you want to use. Type an *S* next to the appropriate system. *S* is the only valid entry. The system name selected appears on the Endevor Quick Edit panel when the panel is next accessed. This is the base system.
System	The system name. This is for display only.
Title	The descriptive title for the system. This is for display only.

2.7 Subsystem Selection List

2.7.1 Introduction

The Subsystem Selection List appears in the following situations:

- When you do not provide an explicit subsystem name on the Endevor Quick Edit panel *and* the DISPLAY SYSTEM/SUBSYS LIST field is set to *Y*.
- When you select the CREATE option on the Endevor Quick Edit panel and you leave the SUBSYSTEM field blank or use a wildcard.

2.7.2 Panel

The Subsystem Selection List is shown next:

```
----------------------- Subsystem Selection List --------    ROW 1 TO 4 OF 4
Command ===> _____________________________________________ Scroll ===> PAGE

    Environment: DEV        System: NDVR361
    Subsystem  Title
 -  ---------  ------------------------------------------------------------
 _  BASE       BASE COMPONENTS OF Endevor
 _  SAMPLE     Sample Application Components
 _  VAM        VENDOR APPLICATION MANAGER COMPONENTS
 _  XP         COMMON SUBCOMPONENTS USED ACCROSS PRODUCTS
--------------------------- Bottom of the List -----------------------------
```

2.7.3 Fields

There is only one input field on this panel. See the field descriptions below:

Field	Description
Environment	The environment name. This is for display only.
System	The system name. This is for display only.
Selection (no title)	The field used to select the subsystem you want to use. Type an *S* next to the appropriate subsystem. *S* is the only valid entry. The subsystem name selected appears on the Endevor Quick Edit panel the next time the panel is accessed. This is the base subsystem.
Subsystem	The subsystem name. This is for display only.
Title	The descriptive title for the subsystem. This is for display only.

2.8 Type Selection List

2.8.1 Introduction

The Type Selection List appears only when you select the CREATE option from the Endevor Quick Edit panel and do not enter an explicit element type.

2.8.2 Panel

The Type Selection Panel is shown next:

```
-------------------------- Type Selection List ----------    ROW 1 TO 5 OF 5
Command ===> _____________________________________________ Scroll ===> PAGE

    Environment: DEV        System: NDVR361    Subsystem: BASE
    Type      Description
 -  --------  ------------------------------------------------------------
 _  ISPM      ISPF MESSAGES PROCESSOR
 _  ISPP      ISPF PANELS PROCESSOR
 _  SAS       SAS PROCEDURE PROCESSOR
 _  ASMPGM    ASSEMBLER PROGRAM PROCESSOR
 _  LNK       LINKEDIT PROCESSOR
 _
```

2.8.3 Fields

There is only one input field on this panel. See the field descriptions below:

Field	Description
Environment	The environment name. This is for display only.
System	The system name. This is for display only.
Subsystem	The subsystem name. This is for display only.
Selection (no title)	The field used to select the type you want to use. Type an *S* next to the appropriate element type. *S* is the only valid entry. The type selected appears on the Endevor Quick Edit panel when the panel is next accessed. This is the base type.
Type	The type name. This is for display only.
Description	The description of the element type. This is for display only.

2.9 Processor Group Selection List

2.9.1 Introduction

The Processor Group Selection List appears when you use a wildcard in the PROCESSOR GROUP field on the Endevor Quick Edit panel.

If you enter *END* on the COMMAND line of the Processor Group Selection List, Endevor Quick Edit terminates the current request.

Note: The Processor Group Selection List will not appear until Endevor Quick Edit has processed the element. Therefore, you may see the Element Selection List before you see the Processor Group Selection List.

2.9.2 Panel

The Processor Group Selection List is shown next:

```
-------------------- Processor Group Selection List -----  ROW 1 TO 15 OF 15
Command ===> _____________________________________________ Scroll ===> PAGE

    Environment: DEV        System: NDVR361    Type: ASMPGM
    Group     Description
 -  --------  ------------------------------------------------------------
 _  *NOPROC*  INTERNAL - ASMPGM NOPROC TO KEEP SOURCE ONLY
 _  ASMENR    ASSEMBLE NOT RE-ENTRANT EXTERNAL
 _  ASMENRUL  ASSEMBLE/LINK NOT REENTRANT NOT REUSABLE EXTERNAL
 _  ASMERN    ASSEMBLE RE-ENTRANT EXTERNAL
 _  ASMERNAL  ASSEMBLE/LINK RE-ENTRANT AUTHORIZED EXTERNAL
 _  ASMERNUL  ASSEMBLE/LINK RE-ENTRANT UNAUTHORIZED EXTERNAL
 _  ASMERUAL  EXTERNAL - ASSEM REUSABLE AUTHORIZED
 _  ASMERUUL  ASSEMBLE/LINK REUSABLE EXTERNAL
 _  ASMINR    ASSEMBLE NOT RE-ENTRANT
 _  ASMINRUL  ASSEMBLE/LINK NOT REENTRANT NOT REUSABLE
 _  ASMIRN    ASSEMBLE RE-ENTRANT
 _  ASMIRNAL  ASSEMBLE/LINK RE-ENTRANT AUTHORIZED
 _  ASMIRNUL  ASSEMBLE/LINK RE-ENTRANT UNAUTHORIZED
 _  ASMIRUAL  INTERNAL - ASSEM REUSABLE AUTHORIZED
 _  ASMIRUUL  ASSEMBLE/LINK REUSABLE
```

2.9.3 Fields

There is only one input field on this panel. See the field descriptions below:

Field	Description
Environment	The environment name. This is for display only.
System	The system name. This is for display only.
Type	The element type. This is for display only.
Selection (no title)	The field used to select the processor group you want to use. Type an *S* next to the appropriate processor group. *S* is the only valid entry. The processor group selected appears on the Endevor Quick Edit panel when the panel is next accessed. This is the processor group associated with the element when it is added back into Endevor.
Group	The name of the processor group. This is for display only.
Description	The description of the processor group. This is for display only.

2.10 Element Selection List

2.10.1 Introduction

The Element Selection List appears in the following situations:

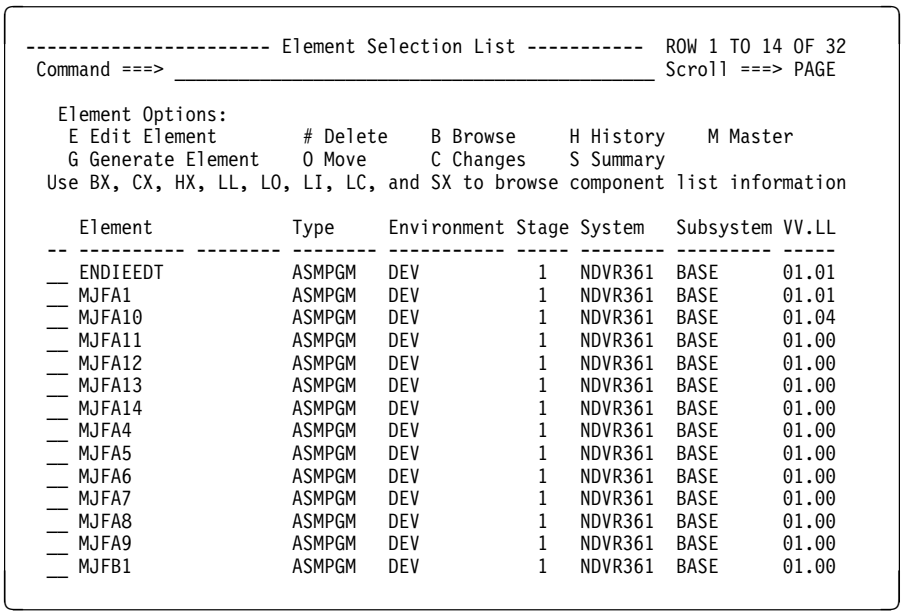
- You leave the COMMAND line blank and press ENTER.
- You leave the ELEMENT field blank or use a wildcard.
- You do not provide an explicit name in the SYSTEM field, SUBSYSTEM field, or both fields *and* you set the DISPLAY SYSTEM/SUBSYS LIST field to *N*.
- You set the BUILD USING MAP field to *Y* and the RETURN FIRST FOUND field to *N* and more than one element matches the criteria specified on the Endevor Quick Edit panel.

You can edit the element, generate the element, move the element, delete the element, or display the element from the same Element Selection List. You can select more than one element for processing and specify a different option for each element. Endevor Quick Edit processes the elements in the order in which they appear in the selection list.

If you type *END* on the COMMAND line, Endevor Quick Edit returns the Endevor Quick Edit panel.

2.10.2 Panel

The Element Selection List is shown next:



```
----------------------- Element Selection List -----------  ROW 1 TO 14 OF 32
 Command ===> _____________________________________________ Scroll ===> PAGE

   Element Options:
    E Edit Element        # Delete    B Browse     H History    M Master
    G Generate Element    O Move      C Changes    S Summary
  Use BX, CX, HX, LL, LO, LI, LC, and SX to browse component list information

     Element             Type     Environment Stage System   Subsystem VV.LL
  -- ---------- -------- -------- ----------- ----- -------- --------- -----
  __ ENDIEEDT            ASMPGM   DEV           1   NDVR361  BASE      01.01
  __ MJFA1               ASMPGM   DEV           1   NDVR361  BASE      01.01
  __ MJFA10              ASMPGM   DEV           1   NDVR361  BASE      01.04
  __ MJFA11              ASMPGM   DEV           1   NDVR361  BASE      01.00
  __ MJFA12              ASMPGM   DEV           1   NDVR361  BASE      01.00
  __ MJFA13              ASMPGM   DEV           1   NDVR361  BASE      01.00
  __ MJFA14              ASMPGM   DEV           1   NDVR361  BASE      01.00
  __ MJFA4               ASMPGM   DEV           1   NDVR361  BASE      01.00
  __ MJFA5               ASMPGM   DEV           1   NDVR361  BASE      01.00
  __ MJFA6               ASMPGM   DEV           1   NDVR361  BASE      01.00
  __ MJFA7               ASMPGM   DEV           1   NDVR361  BASE      01.00
  __ MJFA8               ASMPGM   DEV           1   NDVR361  BASE      01.00
  __ MJFA9               ASMPGM   DEV           1   NDVR361  BASE      01.00
  __ MJFB1               ASMPGM   DEV           1   NDVR361  BASE      01.00
```

2.10.3 Fields

There is only one input field on this panel. See the field descriptions below:

Field	Description
Element Options	Identifies the options you can use on this panel. Enter the appropriate option in the SELECTION field next to the element(s) you want to process. Available options are: ■ **E—**Edit the element. ■ **#—**Delete the element. ■ **B—**Display the Element Browse panel ■ **H—**Display the Element History panel. ■ **M—**Display Master Control File information for the element. ■ **G—**Generate the element. ■ **O—**Move the element. ■ **C—**Display the Element Changes panel. ■ **S—**Display the Summary of Levels panel. ■ **BX—**Display the Element Browse panel for an element component list. ■ **CX—**Display the Element Changes panel for component list changes. ■ **HX—**Display the Element History panel for component list history ■ **LL—**Display the element Listing from the Component List. ■ **LO—**Display Output Component libraries. ■ **LI—**Display Input Component libraries. ■ **LC—**Display both Input and Output Component libraries. ■ **SX—**Display the Summary of Component Levels panel.
Selection (no title)	The field used to select the element(s). Type the appropriate element option code next to each element you want to process. You can specify different options for different elements.
Element	The element name. This is for display only.
Message (no title)	Contains messages pertaining to the element processing. For example, after you have browsed an element, the following entry appears in this field, next to the element selected: `*Browsed`

Field	Description
Type	The element type. This is for display only.
Environment	The environment name. This is for display only.
Stage	The stage where the element is located. This is for display only.
System	The system name. This is for display only.
Subsystem	The subsystem name. This is for display only.
VV.LL	The version and level of the element. This is for display only.

2.11 Action Prompt

2.11.1 Introduction

The Action Prompt panel appears if a CCID or comment is required and you did not provide one or both on the Endevor Quick Edit panel. CCID and comment requirements are controlled at the system level.

A message appears in the upper-right corner of the panel indicating which field is required.

If you type *END* on the COMMAND line, Endevor Quick Edit cancels the request.

2.11.2 Panel

The Action Prompt panel is shown next:

```
------------------------------ Action Prompt ----------------- CCID Required
Command ===> ____________________________________________________

  The system requires either a CCID or a Comment or both to be specified,
  but the request was missing one or both of the fields. Complete the
  missing field and hit ENTER to continue.

  To cancel the request, enter the END command.

  Current Location:
    Environment: DEV        Stage ID: 1
    System: NDVR361         Subsystem: BASE       Type: ASMPGM

  CCID Required: Y
  Comment Required: Y

  CCID..... ___________
  Comment.. ________________________________________
```

2.11.3 Fields

There are two input fields on this panel: CCID and comment. Enter a value in one or both, as required. See the field descriptions below:

Field	Description
Current Location	The current inventory location of the element. This is for display only.
CCID Required	Indicates whether a CCID is required for this request: Y or N.
Comment Required	Indicates whether a comment is required for this request: Y or N.

Field	Description
CCID	Enter a 1-12 character CCID. The CCID must conform to Endevor naming conventions.
Comment	Enter a 1-40 character comment. You cannot include imbedded single quotation marks in the comment.

2.12 Summary of Element Levels

2.12.1 Introduction

The Summary of Element Levels panel appears when you use option *S* from the Endevor Quick Edit panel or the Element Selection List. This panel displays the summary of levels for the element selected.

From this panel, you can edit the element or display the element, element changes, or element history. You can select more than one element for processing and specify a different option for each element. Endevor Quick Edit processes the elements in the order in which they appear on the panel. Note that you **cannot** generate the element from this panel.

If you type *END* on the COMMAND line, Endevor Quick Edit returns the Endevor Quick Edit panel or the Element Selection List.

2.12.2 Panel

The Summary of Element Levels panel is shown next:

```
---------------------- Summary of Element Levels ---------  ROW 1 TO 5 OF 5
Command ===> _____________________________________________ Scroll ===> PAGE

  Element Options:
   E Edit Element         B Browse     H History    C Changes
  Element: MJFA10
  Environment: DEV       Stage ID: 1
  System: NDVR361        Subsystem: BASE        Type: ASMPGM

   VV.LL            User     Date    Time  Statements Inserts Deletes Sync
 - ----- ---------- -------- ------- ----- ---------- ------- ------- ----
 _ 01.00            DA1MF45  18OCT01 05:31       4         0       0
 _ 01.01            DA2MF45  19OCT01 08:18       4         1       1
 _ 01.02            DA2MF45  19OCT01 08:19       4         4       4
 _ 01.03            DA2MF45  19OCT01 08:19       5         1       0
 _ 01.04            DA2MF45  19OCT01 08:19       4         0       1
--------------------------- Bottom of the List ---------------------------
```

2.12.3 Fields

There is one input field on this panel, the SELECTION field. See the field descriptions below:

Field	Description
Element Options	Identifies the options you can use on this panel. Enter the appropriate option in the SELECTION field next to the element(s) you want to process. Available options are: ■ **E—**Edit the element. ■ **B—**Display the Element Browse panel. ■ **H—**Display the Element History panel. ■ **C—**Display the Element Changes panel.
Element Location Information	Displays the inventory location of the element, including: ■ Element name ■ Environment name ■ Stage ID ■ System ■ Subsystem ■ Type
Selection (no title)	The field used to select the element(s). Type the appropriate element option code next to the element(s) you want to process. You can specify different options for different elements.
VV.LL	The version and level of the element. The rest of the information on this line pertains to this version and level.
Message (no title)	Contains messages pertaining to the element processing. For example, after you have browsed an element, the following entry appears in this field: `*Browsed`
User	The ID of the user who created the level.
Date	The date the level was created.
Time	The time the level was created.
Statements	The number of statements in this level.
Inserts	The number of statements inserted for this level.
Deletes	The number of statements deleted for this level.
Sync	Indicates whether this level was created through synchronization (S) or level consolidation (C).

2.13 Outputs Selection List Panel

2.13.1 Introduction

The Outputs Selection List panel displays when you select **LO**, List Outputs, from either the Endevor Quick Edit panel or the Element Selection List panel to view the list of output components for an element.

The Output Selection List panel provides a selection, using the element's component list, of output components from which you can select an output component for display using a standard ISPF browse panel.

2.13.2 Panel

The Output Selection List panel is shown below:

```
---------------- Outputs Selection List ----------  ROW 1 TO 2 OF 2
Command ===> _____________________________________________ Scroll ===> PAGE

 Element Options:
  L Browse Member
  Member   Step     Ddname   Dsname
- -------- -------- -------- ------------------------------------------
_ BASICDEL OBJCOPY  OBJLIB   BST.PRD371S2.OBJLIB
_ BASICDEL CONLIST  C1LLIBO  BST.PRD371S2.LISTINGS
--------------------------- Bottom of the List ---------------------------
```

2.13.3 Fields

The table below describes the fields that appear on the Output Selection List panel.

Field	Description
Element Options	The Element Options field provides you the ability to view any of the output components listed on the Outputs Selection List panel by placing an **L**, Browse Member, to the left of the Member name and pressing ENTER. Endevor displays a standard ISPF browse panel showing the member you selected.
Member	Identifies the name of the output component created during processor execution.
Step	Identifies the STEP name of the processor.
DDname	Identifies the DDname of the processor.
Dsname	Identifies the library that contains the output components.

2.14 Action Options Panel

2.14.1 Introduction

The Action Options panel displays when you select option **AO**, Action Options, from the Endevor Quick Edit panel. You use this panel to further define the following action requests:

- Create
- Edit
- Generate
- Delete
- Move

Values that you enter on this panel remain in effect for your next session and change the values in your profile.

2.14.2 Panel

The example of the Action Options panel appears below:

```
------------------------- Action Options --------------------------------
Command ===> ____________________________________________________________


  CReate/Edit/Generate Action Options:
    Generate Element after Edit.. Y (Y/N)
    Generate Element in Place.... N (Y/N)
    Generate Processor Mode...... F (Foreground/Batch)

  Delete Action Options:
    Only Component............... N (Y/N)
    Delete Action Mode........... F (Foreground/Batch)

  Move Action Options:
    Sync......................... N (Y/N)
    With History................. N (Y/N)
    Retain Signout............... N (Y/N)
    Signout to................... ________
    Acknowledge Element Jump..... N (Y/N)
    Delete FROM Element.......... Y (Y/N)
    Move Action Mode............. F (Foreground/Batch)

  Make the necessary changes and hit ENTER to continue
  Enter the END command to cancel the changes
```

2.14.3 Fields

The following fields appear on the Action Options panel and provide the following functions:

Field	Description
Create/Edit/ Generate Action Options	Identifies the options you can chose to further define Create, Edit, and Generate actions. Available options are: ■ **Generate Element After Edit—**Tells Endevor whether to generate the element after editing. Specify **Y** (default) if you want Endevor to generate the element. Specify **N**, if you do not want Endevor to generate the element. ■ **Generate Element in Place—**Tells Endevor whether to perform the generation at the place where the element resides. Specify **N** (default) if you want Endevor to unconditionally perform a copyback to the first stage of the environment map before generation. Specify **Y** if you want to prevent the copyback and perform the Generate at the stage where the element resides. ■ **Generate Processor Mode—**Indicates whether the generate processor should be executed in foreground or batch for the specified action. Specify **F** to execute the processor in foreground. Specify **B**, to submit a batch job to execute the generate processor.
Delete Action Options	Use the Delete Action Options to further define your Delete action request. Available Delete options are: ■ **Only Components—**Applicable for Endevor ACM users only. Indicates whether you want to delete both the element component list and the element, or the element component list only. Specify **Y**, to delete just the element component list. Specify **N**, to delete the element as well as the element component list. ■ **Delete Action Mode—**Indicates whether to execute the Delete action in foreground or batch. Specify **F**, to execute the Delete action in foreground. Specify **B**, to submit a batch job to execute the Delete action.

Field	Description
Move Action Options	Use the Move Action Options to further define your Move action request. Available Move options are: ■ **Sync—**Indicates whether you want the Move action performed when the base level of the element at the source location is different from the current level of the element at the target. When you specify **Y**, Endevor creates a "sync" level at the target that reflects the differences between the base level at the source location and the current level at the target. The move fails if these levels are different and you have specified SYNC = N. You must specify SYNC = Y when moving an element that has remained at a source location after being moved using DELETE FROM ELEMENT = N. ■ **With History—**Indicates whether you want to move the element with history. Default is **N**, move the element without history. When you move the element without history Endevor searches through the element levels at the source location to find a matching level at the target location. Endevor then compares the two and creates a new level at the target location that reflects the differences. ■ **Retain Signout—**Determines whether Endevor retains the signout associated with an element at the source location when it is moved to the target location. Specify **Y**, to retain the source location signout at the target location. Specify **N**, if you do not want Endevor to retain the source location signout at the target location. ■ **Signout To—**Allows you to sign the element out to another user at the target location. Do so by typing the TSO user ID of the person to whom you want to sign out the element in this field. If RETAIN SIGNOUT = Y, you cannot use this option.

Field	Description
Move Action Options (continued)	■ **Acknowledge Elm Jump—**Endevor uses this field when it finds an element being moved at a non-mapped stage between the FROM and TO locations of the move. When this occurs, Endevor checks the system definition. If the system's REQ ELM JUMP ACKNOWLEDGEMENT = Y, then you must type **Y** in this field to move elements. Otherwise, the value in this field can be either **Y** or **N**. ■ **Delete From Element—**Indicates whether you want Endevor to delete the element(s) at the source location after moving them. If you specify **N** to leave the element at the source location, then you must specify SYNC = Y for any subsequent moves of this element. ■ **Move Action Mode—**Indicates whether to execute the Move action in foreground or batch. Specify **F**, to execute the Move action in foreground. Specify **B**, to submit a batch job to execute the Move action.

2.15 Edit Panel

2.15.1 Introduction

You edit elements using the ISPF/PDF Edit service. The Edit panel appears when you use option *E* from one of these panels: Endevor Quick Edit, Element Selection List, Summary of Element Levels.

You can use all of the ISPF/PDF Edit commands and features, with the exception of the Initial Macro feature. The Initial Macro is replaced by a start-up command from which user-written edit commands and macros can be invoked. See Step 4: Write the Edit Session Startup Command (Optional) for more information.

The standard ISPF/PDF Edit panel has been extended to include the element name and the location to which the element will be added. These values always appear at the top of the panel. Additional information appears after the COMMAND line, for the following situations:

- If the element was taken from up the map.
- If Endevor Quick Edit determines that an element exists at a stage between the base stage and the stage from which the element was taken.
- If the element is a component of a backed-out package.
- If the generate processor associated with the processor group for the element cannot execute in foreground.

2.15.2 Panels

The first panel shows the simplest Edit panel. That is, there is no additional information provided. Note the element name and TO location on the top line.

```
MJFA1  To: DEV/1/NDVR361/BASE/ASMPGM                      Columns 001 072
Command ===>                                             Scroll ===> PAGE

****** *************************** TOP OF DATA ****************************
000001 MJFA1    CSECT
000002 * CREATED BY THE EDIT ELEMENT DIALOG
000003          $BSTEQU
000004          XR  15,15
000005          BR  14
000006          END
****** ************************** BOTTOM OF DATA **************************
```

The panel below illustrates an Edit panel with additional information. The element to be edited was taken from "up the map;" that is, from other than the base stage. The element name and TO location appear on the top line.

```
MJFA10  To: DEV/1/NDVR361/BASE/ASMPGM                          Map Searched
Command ===>                                                 Scroll ===> PAGE

****** ************************** TOP OF DATA ***************************
==MSG> *-------------------------------------------------------------------*
==MSG> *                                                                   *
==MSG> *   This element was retrieved by searching the environment map.    *
==MSG> *  The element was taken from environment DEV, stage 2, system      *
==MSG> *  NDVR361, subsystem BASE, type ASMPGM.                            *
==MSG> *                                                                   *
==MSG> *-------------------------------------------------------------------*
000001 MJFA10   CSECT
000002          XR 15,15
000003          BR 14
000004          END
****** ************************* BOTTOM OF DATA *************************
```

2.15.3 Processing

When editing is completed (or during the editing session, if necessary), you can use one of the following commands:

- SAVE—Endevor Quick Edit creates a new level of the element at Stage 1 of the base environment. This level contains only the changes entered between the beginning of the session and the issuing of the SAVE command. The generate processor is not executed. You remain in the edit session.
- END—Endevor Quick Edit creates a new level if the element has been changed. The generate processor is invoked if the element had been saved previously or if the element was changed.

  If the element has not been saved or was not changed, the END command does not perform any actions at all. The edit session is terminated.
- CANCEL—Endevor Quick Edit performs no actions and terminates the edit session.

See Save vs. End vs. Cancel: Summary and Save vs. End vs. Cancel: Detail for more information about the SAVE, END, and CANCEL commands.

2.16 Copyelm Command

2.16.1 Introduction

The Copyelm command enables another element to be copied into an existing element from within a Quick Edit session.

2.16.2 Features

The Copyelm command has the following features:

- The command is issued from the command line of the ISPF/PDF edit session
- The target location of the copy can be indicated using the B (Before) and A (After) line commands
- An element name and/or type name may be specified as part of the COPYELM command. For example:

```
COMMAND ===> copyelm elmname typename
```

If specified, the element and/or type name becomes the default on the Copy Element Panel. If not specified the element name and/or type name is left blank. See Copy Element Panel.

2.16.3 Copy Element Panel

After selecting the target location or specifying an element name and/or type name on the command line and pressing Enter, the Copy Element panel appears.

The Copy Element panel displays the inventory location for the current edit session element. Any displayed field in the panel may be overridden.

The following is an example of the Copy Element panel where an element name is not indicated, but the type name is specified:

```
---------------------- Endevor Quick Edit Copy Element -------------------
Command ===> ____________________________________________________________

Endevor Location:
  Environment.. INT
  System....... NDVRMVS
  Subsystem.... BASE
  Element...... _________
  Type......... ISPP
  Stage........ 1

List Options:
  Where CCID is.............. ___________
  Where Processor Group is.... ___________
  Build Using Map............ Y (Y/N)
  Return First Found......... Y (Y/N)
  Display System/Subsys List.. N (Y/N)

  Press ENTER to continue with the COPY function.
  Press END to cancel the COPY function and return to ISPF/PDF Edit.
```

2.16.4 Endevor Location Fields

Enter Endevor inventory location information in these fields. This is the location at which Endevor Quick Edit begins the search for the element.

Field	Description
Environment	The environment associated with the element. You can enter a 1-8 character environment name, leave the field blank, or use a wildcard. If you leave this field blank or use a wildcard, an Environment Selection List is returned. You must select an environment in order to continue.
System	The system associated with the element. You can enter a 1-8 character system name, leave the field blank, or use a wildcard. If you leave this field blank or use a wildcard, selection lists appear as follows: ■ If the DISPLAY SYSTEM/SUBSYS LIST field is set to *Y*, a System Selection List is returned. You must select a system from this list in order to continue. ■ If the DISPLAY SYSTEM/SUBSYS LIST field is set to *N*, Endevor Quick Edit returns an Element Selection List. ■ If you select the CREATE option, the System Selection List is returned no matter what value is set in the DISPLAY SYSTEM/SUBSYS LIST field.
Subsystem	The subsystem associated with the element. You can enter a 1-8 character subsystem name, leave the field blank, or use a wildcard. If you leave this field blank or use a wildcard, selection lists appear as follows: ■ If the DISPLAY SYSTEM/SUBSYS LIST field is set to *Y*, a Subsystem Selection List is returned. You must select a subsystem from this list in order to continue. ■ If the DISPLAY SYSTEM/SUBSYS LIST field is set to *N*, Endevor Quick Edit returns an Element Selection List. ■ If you select the CREATE option, the Subsystem Selection List is returned no matter what value is set in the DISPLAY SYSTEM/SUBSYS LIST field.
Element	The name of the element. You can enter a 1-10 character element name, leave the field blank, or use a wildcard. An explicit element name is required for the CREATE option. If you leave the field blank or use a wildcard, the Element Selection List is returned. You must select an element from this list in order to continue.

Field	Description
Type	The type associated with the element. You can enter a 1-8 character element type, leave the field blank, or use a wildcard. A Type Selection List is returned only when you select the CREATE option. If you leave this field blank or use a wildcard, either the function you requested is performed (if there is only one element involved) or an Element Selection List is returned (if there is more than one element involved).

2.16.5 List Option Fields

Use the first four fields to limit the elements presented in the Element Edit Selection List. The last field in this section determines whether system and subsystem selection lists will be available.

Field	Description
Where CCID is	Specify a CCID to limit the list to those elements whose base, last action, or generate CCID match the CCID specified here. You can use a wildcard in this field.
Where Processor Group is	Specify a processor group name to limit the list to those elements to which the specified processor group is assigned. You can use a wildcard in this field.
Build Using Map	Indicates whether Endevor should search the environment map when building a list of elements. Values are: ■ **Y**—Search the map for all occurrences of the element. ■ **N**—Do not search the map. This is the default.
Return First Found	Indicates whether Endevor should stop searching the map after the first occurrence of the element is found. Values are: ■ **Y**—Return the first matching element found. This is the default. ■ **N**—Search the map for all occurrences of matching elements and return a list.

Field	Description
Display System/Subsys List	Indicates whether the system and subsystem selection lists will appear when the system or subsystem fields do not contain explicit entries. Values are: ■ **Y**—Display the system and subsystem selection lists. ■ **N**—Do not display the system and subsystem selection lists. This is the default. **Note:** If you select the CREATE option, the System and Subsystem Selection Lists are returned, even if this field is set to *N*.

2.17 Batch Generate Panel

2.17.1 Introduction

The Endevor Quick Edit Batch Generate panel displays immediately after you enter the END command from your edit session, if you entered B for Generate Processor Mode on the Endevor Quick Edit primary panel. You can either generate your request or cancel the Generate request from this panel. Be aware, however, that if you cancel the request, the basic processor is **not** executed.

2.17.2 Panel

The Batch Generate panel is shown next:

```
------------------ Endevor Quick Edit Batch Generate -------------------
Command ===> ____________________________________________________________

 Complete the JCL JOB card and press ENTER to submit the generate jobstream.
 Enter the END command to terminate the Batch Generate.

   //JOBNAME JOB (AAAA),'Quick Edit'_____________________________________
   ____________________________________________________________________
   ____________________________________________________________________
   ____________________________________________________________________

 Include the following additional JCL? _ (Y/N)
   ____________________________________________________________________
   ____________________________________________________________________
   ____________________________________________________________________
   ____________________________________________________________________
   ____________________________________________________________________
   ____________________________________________________________________
   ____________________________________________________________________
   ____________________________________________________________________
   ____________________________________________________________________
   ____________________________________________________________________
```

2.17.3 Fields

Enter the following information on this panel:

Field	Description
Job Card area	Enter at least one JCL statement in this area; otherwise, you receive an error. The job card is initialized with the sample information shown if you have never provided a job card either within Endevor or Endevor Quick Edit.
Include the following additional JCL?	Indicate whether you want to include additional JCL information with this job card. You must enter a value in this field: ■ **Y—**Include additional JCL with this request. If you select this option, enter the JCL statements you want included in the request. ■ **N—**Do not include additional JCL with this request.

2.17.4 Processing

To submit the Batch Generate request, press ENTER. The Batch Generate dialog creates and submits the JCL to execute the Generate action.

To cancel the Batch Generate request, type *END* on the COMMAND line. The request is terminated.

2.18 Create a New Element

2.18.1 Introduction

You can create an element using Endevor Quick Edit. The CREATE option is available from the Endevor Quick Edit panel.

Endevor Quick Edit creates the element as long as it does not exist at Stage 1 of the base environment *and* it does not exist at any stage further up the map *and* it does not exist at any "in-between" stage.

The element is always added to Stage 1 of the base environment.

2.18.2 To Create the Element

To create a new element, follow the steps below.

Step	Action
1	Type *CR* on the COMMAND line of the Endevor Quick Edit panel.
2	Designate the inventory location. Enter either an explicit value or a wildcarded value, or leave the field blank. If you use a wildcard or leave a field(s) blank, a related selection list appears when you press ENTER (Step 5). Specifying a processor group is optional. Selection lists are returned, as appropriate, in the order shown below: ■ Environment Selection List ■ System Selection List ■ Subsystem Selection List ■ Type Selection List ■ Processor Group Selection List
3	Type an element name if you have not already done so.
4	Set the ACTION OPTION fields as desired.
5	Press ENTER. A blank ISPF Edit panel is returned.
6	Enter the new element.
7	Type *END* on the COMMAND line. The new element is created and the generate processor is executed.

Remember:

1. You **must** enter a fully qualified element name.
2. The selection lists appear automatically for any inventory location fields left blank. The System and Subsystem Selection Lists appear no matter what value is specified in the DISPLAY SYSTEM/SUBSYS LIST field.

2.19 Generate an Element

2.19.1 Introduction

Use the GENERATE ELEMENT option to generate an element. If N is specified for the GENERATE IN PLACE option on the Action Options panel, it will be copied back to Stage 1 for the generate of the starting environment. If Y is specified, the generate will occur at the location where the element resides.

After the successful completion of the GENERATE action, one of these messages will be displayed: *Gen/Cpybk (generated with copyback) or *Gen/Inplc (generated in place).

2.19.2 To Generate the Element

To generate an element, type *G* in the appropriate place:

- On the COMMAND line of the Endevor Quick Edit panel
- In the SELECTION field next to the element(s) desired, on the Element Selection List

Press ENTER.

2.19.3 Other Considerations

Be aware of the following before you request the GENERATE ELEMENT option:

- If you generate an element that is not at the entry stage and the BUILD USING MAP field is set to *Y*, Endevor Quick Edit copies the element back to the entry stage before invoking the generate processor. However, you can bypass the copyback operation by setting the GENERATE IN PLACE field to *Y*. See the *User Guide* for information about the COPYBACK option in the GENERATE action.

  If the element does not exist at the entry stage and the BUILD USING MAP field is set to *N*, the processor is not executed and the following message is returned:

  ```
  Element not found
  ```

Note: If you generate an element from a stage up the map *and* that element exists at the entry stage, Endevor Quick Edit generates the element found at the entry stage, not the element originally selected.

- Signout processing validation for the Endevor Quick Edit GENERATE ELEMENT option is the same as for the standard Endevor GENERATE action. That is, you must have proper signout authority. If you do not have the authority to sign the element out or to override a signout, you will not be able to continue. (See the Generate Element Option section under Operating Information in this

chapter as well as the *User Guide* for more information about signout processing for the GENERATE action.)

- The Last Action CCID and Last Action Comment are updated, as appropriate, when the generate processor is executed.

2.20 Delete an Element

2.20.1 Introduction

Use the Delete option to delete elements and/or an element component list from Endevor. The Delete option is available from the Endevor Quick Edit panel and Element Selection List panel.

2.20.2 To Delete an Element

To delete an element, type #, in:

- The Command field on the Endevor Quick Edit panel.
- The Selection field next to the desired element on the Element Selection List panel.

Press ENTER.

2.20.3 Other Considerations

Before you use the Delete action for the first time, review the following information:

- Use the Delete action to delete *all levels* of an element, any associated processor outputs from either stage and, if you are using the Endevor Automated Configuration Manager (ACM), the component list for the element. If you are using ACM, you can also elect to delete only the component list for an element.
- You can delete elements in foreground, or in batch by specifying the Delete action mode on the Actions Options panel.
- Use the Action Options panel to further define the type of delete processing you want to perform. See the section entitled Action Options Panel for information on available Delete action options.

See the *User Guide* for additional information on the Delete action.

2.21 Move an Element

2.21.1 Introduction

Use the MOVE option to move an element from one Endevor inventory location to the next location along the map route. The MOVE option is available from the Endevor Quick Edit panel and the Element Selection List panel.

2.21.2 To Move an Element

To move an element, type O in:

- The Command field on the Endevor Quick Edit panel.
- The Selection field next to the desired element on the Element Selection List panel.

Press ENTER.

2.21.3 Other Considerations

Before you use the Move action for the first time, review the following information:

- The Move action moves elements from one inventory location (environment, stage) to the next location on a map route.
- You can move elements either with history or without history by specifying the With History option on the Actions Options panel (see the section entitled Action Options Panel).
- You can only move elements from one environment to another if the elements start in Stage 2 of the source environment. So, for example, to move an element from Stage 1 of the Development environment into Stage 1 of the QA environment, you have to move the element to Stage 2 in Development and then move it into Stage 1 in QA.
- You can move elements in foreground, or in batch by specifying which Move action mode on the Actions Options panel.
- Use the Action Options panel to further define the type of move processing you want to perform. See the section entitled Action Options Panel for information on available Move action options.

See the *User Guide* for additional information on the Move action.

2.22 Browse, Change, and History Panels

2.22.1 Introduction

You can use Endevor Quick Edit to see the following element information:

- Browse—The specified level of an element.
- History—The change history for a specific level of the element.
- Changes—The changes for a specific level of the element.

If you select these options from the Endevor Quick Edit panel or the Element Selection List, information is presented for the current level of the element. You can also view component list information for the element. You need only add an *X* to the command: *BX* to browse, *HX* for history, and *CX* for changes.

If you select these options from the Summary of Element Levels panel, you can specify the level for which you want to see information. You cannot request component list information from this panel.

The standard ISPF/PDF Browse panel has been extended to include the element name and inventory location. These values appear at the top of the panel.

2.22.2 Panel

An Element Browse panel is illustrated below. Note the element name and its inventory location at the top of the panel. The Element Changes and Element History panels have a similar format.

```
 MJFA10  DEV/1/NDVR361/BASE/ASMPGM                 LINE 00000000 COL 001 080
 Command ===>                                              Scroll ===> PAGE

******************************** TOP OF DATA  ********************************
********************************************************************************
********************************************************************************
**                                                                            **
** ELEMENT BROWSE                                          03NOV01  15:00  **
**                                                                            **
**    ENVIRONMENT:  DEV       SYSTEM: NDVR361     SUBSYSTEM: BASE           **
**    ELEMENT:      MJFA10    TYPE:   ASMPGM      STAGE:     DEVSTG1        **
**                                                                            **
********************************************************************************
********************************************************************************

------------------------- SOURCE LEVEL INFORMATION --------------------------
VV.LL SYNC USER     DATE    TIME  STMTS CCID         COMMENT
----- ---- -------- ------- ----- ----- ------------ ------------------------
01.00      DA1MF45  18OCT01 05:31     4 EDIT ELEMENT TEST EDIT ELEMENT DIALOG
01.01      DA2MF45  19OCT01 08:18     4 CCID         COMMENT
01.02      DA2MF45  19OCT01 08:19     4 CCID         COMMENT
01.03      DA2MF45  19OCT01 08:19     5 CCID         COMMENT
01.04      DA2MF45  19OCT01 08:19     4 CCID         COMMENT
01.05      DA1MF45  28OCT01 12:30     4 CCID         COMMENT
```

2.23 Element Master Displays

2.23.1 Introduction

The Master Display panels provide Master Control File information about the element. These are output-only displays.

There are two panels. When you press ENTER from the first panel, the second panel appears. When you press ENTER from the second panel, the first panel appears.

When you enter the END command from either panel, Endevor Quick Edit returns to the panel from which you requested this option. Select the option from the Endevor Quick Edit panel or the Element Selection List.

2.23.2 Panel: Page 1

Page 1 of the Element Master Display is shown next:

```
----------------- Master Display for Element MJFA10  ------- Panel 1 of 2
Command ===>

Environment.. DEV       Processor Group.. ASMERNUL  Signout ID.. DA2MF45
System....... NDVR361   Version.Level.... 01.04
Subsystem.... BASE      Last Action...... EDIT
Type......... ASMPGM    Source Package...
Stage........ 1         Output Package...
Base Comment. Test Edit Element Dialog
---------------------- Last Element Action - EDIT     ----------------------
User ID...... DA2MF45   Date/Time... 19OCT01 08:19  CCID.......... CCID
Endevor RC... 0000      Processor... GASM      (GEN)
Processor RC. 0000
Comment...... Comment
------------------------------ Current Source ------------------------------
User ID...... DA2MF45   Date/Time... 19OCT01 08:19  Delta Format.. R
Comment.. Comment                                   CCID.......... CCID
From DS Name. SYS97292.T081959.RA000.DA2MF45.C1#2EDIT
--------------------------------- Generate ---------------------------------
UserID....... DA2MF45   Date/Time... 19OCT01 08:19  CCID.......... CCID
Comment...... Comment
                        Press ENTER for the next panel
```

2.23.3 Identification Fields

These fields provide information about the element. All fields are display only.

Field	Description
Environment	The environment in which the element is defined.
System	The system in which the element is defined.
Subsystem	The subsystem in which the element is defined.
Type	The element type.
Stage	The stage in which the element resides.
Base Comment	The comment specified when the element was first added to Endevor.
Processor Group	The processor group assigned to the element.
Version.Level	The version and level of the element.
Last Action	The last action performed against this element.
Source Package	The ID of the package that last affected the source form of this element.
Output Package	The ID of the package that created the current generated (or output) form of this element.
Signout ID	The user ID of the person to whom the element is signed out.

2.23.4 Last Element Action Fields

These fields provide information about the last action that changed the element in some way. All fields are display only.

Field	Description
User ID	The user ID of the person who requested the action.
Endevor RC	The Endevor action processing return code.
Processor RC	The highest return code from the last execution of the processor specified. (See the *Processor* entry, below.)
Comment	The comment specified for the action.
Date/Time	The date and time the action took place.
Processor	The name of the processor invoked.
CCID	The CCID specified for the action.

2.23.5 Current Source Fields

These fields provide information about the current source of the element. All fields are display only.

Field	Description
User ID	The user ID of the person who requested the action.
Comment	The comment specified for the action.
From DS Name	The data set from which the element was added (or updated) back into Endevor.
Date/Time	The date and time the action took place.
Delta Format	Indicates whether element changes are stored in forward (F) or reverse (R) delta format.
CCID	The CCID specified for the action.

2.23.6 Generate Fields

These fields provide information about the last action run against this element that generated output. All fields are display only.

Field	Description
User ID	The user ID of the person who requested the action.
Comment	The comment specified for the action.
Date/Time	The date and time the action took place.
CCID	The CCID specified for the action.

2.23.7 Panel: Page 2

Page 2 of the Element Master Display is shown next:

```
------------------- Master Display for Element MJFA10    ------ Panel 2 of 2
Command ===>

Environment.. DEV      Processor Group.. ASMERNUL  Signout ID.. DA2MF45
System....... NDVR361   Version.Level.... 01.04
Subsystem.... BASE      Last Action...... EDIT
Type......... ASMPGM
Stage........ 1
---------------------------------- Retrieve ---------------------------------
UserID.......           Date/Time..                CCID..........
Comment......
To DS Name...
----------------------------------- Base ------------------------------------
UserID....... DA1MF45   Date/Time.. 18OCT01 05:31
Comment...... Test Edit Element Dialog
------------------------------ Component List ------------------------------
Version.Level... 01.02  Delta Format... R
--------------------------- From Endevor Location ----------------------
Environment..           Element..........
System.......           Version.Level....
Subsystem....           Date/Time........
Type.........           Action...........
Stage........           UserID...........
                    Press ENTER for the previous panel
```

2.23.8 Identification Fields

These fields provide information about the element. All fields are display only.

Field	Description
Environment	The environment in which the element is defined.
System	The system in which the element is defined.
Subsystem	The subsystem in which the element is defined.
Type	The element type.
Stage	The stage in which the element resides.
Processor Group	The processor group associated with the element.
Version.Level	The version and level of the element.
Last Action	The last action performed against this element.
Signout ID	The user ID of the person to whom the element is signed out.

2.23.9 Retrieve Fields

These fields provide information only when the last action performed against the element is a RETRIEVE action.

Field	Description
User ID	The user ID of the person who requested the RETRIEVE action.
Comment	The comment specified for the action.
To DS Name	The data set to which the element was retrieved.
Date/Time	The date and time the action took place.
CCID	The CCID specified with the RETRIEVE action.

2.23.10 Base Fields

These fields provide information about the base level of the element. All fields are display only.

Field	Description
User ID	The user ID of the person who created the base level.
Comment	The comment entered for the ADD action that created the base level.
Date/Time	The date and time the base level was created.

2.23.11 Component List Fields

These fields provide information about the component list for this element. All fields are display only.

Field	Description
Version.Level	The latest version and level of the component list for the element.
Delta Format	Indicates whether component list changes are stored in forward (F) or reverse (R) delta format.

2.23.12 From Endevor Location Fields

These fields indicate the Endevor location from which the element was taken for the MOVE and TRANSFER actions. All fields are display only.

Field	Description
Environment	The environment in which the element was defined.
System	The system in which the element was defined.
Subsystem	The subsystem in which the element was defined.
Type	The element type.
Stage	The stage in which the element resided.
Element	The element name.
Version.Level	The version and level of the element.
Date/Time	The date and time the last action against this element took place in the FROM location.
Action	The last action performed against this element in the FROM location.
User ID	The user ID of the person who performed the action.

2.24 Endevor User Defaults

2.24.1 Introduction

The Endevor User Defaults panel appears when you select option *D* from the Endevor Quick Edit panel. Use this panel to change pre-assigned default values. These values remain in effect until you change them again.

If you press ENTER after you have made changes, the new default values are saved. If you use the END command, the changes made are not saved and Endevor Quick Edit reverts to the original default values.

Note: Any changes you make on this panel will be reflected in the standard Endevor ISPF dialog. Similarly, any changes you make to the defaults during Endevor processing will be reflected on Endevor Quick Edit Defaults panel.

2.24.2 Panel

The Endevor User Defaults panel is shown next:

```
------------------------ Endevor User Defaults -----------------------
Command ===> ____________________________________________________________

 Work Data Set Allocation Information:
   Primary Quantity......... 1
   Secondary Quantity....... 1
   Space Units.............. CYL      (CYL/TRK/BLK)
   Unit Name................ SYSDA
   Volume Serial............ ______   (Blank for default)

 List Data Set Allocation Information:
   Primary Quantity......... 1
   Secondary Quantity....... 1

 Component List Information:
   Listing Dataset String... LIST      (Used for determining list datasets)

 Show messages when RC is greater than or equal to.. 8

 Endevor Release level.. X.X
 Endevor Tape Number.... XXXXXX

 Make the necessary changes and hit ENTER to continue
 Enter the END command to cancel the changes
```

2.24.3 Work Data Set Allocation Information

These fields define the default allocations for your work areas. Change these values, if necessary, to meet your requirements:

Field	Description
Primary Quantity	The number of units of space (see the description of SPACE UNITS below) in the primary allocation. Valid values are numeric and in the range 1-255.
Secondary Quantity	The number of units of space in each secondary allocation. Valid values are numeric and in the range 1-255.
Space Units	The units in which space is allocated: TRK, CYL, or BLK. Any abbreviation that uniquely identifies the value is acceptable.
Unit Name	The descriptive name of the disk device. This 1-8 character field is required.
Volume Serial	The volume serial number of the specific device you want to use for your work areas. If specified, the value can be 1-6 characters. Leave blank to use the installation default.

2.24.4 List Data Set Allocation Information

These fields define the default allocations for your foreground browse requests. Change these values, if necessary, to meet your requirements:

Field	Description
Primary Quantity	The number of units of space (as defined by SPACE UNITS) in the primary allocation. Valid values are numeric and in the range 1-255.
Secondary Quantity	The number of units of space in each secondary allocation. Valid values are numeric and in the range 1-255.

2.24.5 Component List Information

The Component List Information field defines the listing dataset string that the List Listing (LL) option uses when selecting datasets from the output component list. The List Listing option selects datasets by examining each dataset name for the string you specify in the Listing Dataset String field. If it finds the string in the datatset name it adds the entry to the outputs selection list. The List Listing option provides users with a shortcut for viewing a stored listing for a selected member. You can specify any string from 1-8 characters in the Listing Dataset String field. If you do not specify a value in this field, the field defaults to the string "List."

2.24.6 Show Messages When RC GE

The SHOW MESSAGES WHEN RC GE field is required. This field tells Endevor Quick Edit to display messages when the return code is greater than or equal to the value designated on this panel. Return code values are: 00, 04, 08, 12, and 16.

2.24.7 Endevor Information

The Endevor release level and tape number display automatically at the bottom of the panel. These fields cannot be changed.

2.25 Operating Information

2.25.1 Overview

There are several processing and operating considerations regarding Endevor Quick Edit.

Some features of Endevor Quick Edit operate in the same manner as the Endevor ISPF dialog. These features are mentioned here to reinforce the information.

Other features of Endevor Quick Edit operate differently than the Endevor ISPF dialog. These differences are noted in this section.

2.25.2 Element Record Length

The ISPF/PDF Edit services can edit data sets with a maximum length of **255** bytes. Therefore, Endevor Quick Edit edits only those elements with a source length less than or equal to 255. If the source element length value for the element is greater than 255, the request fails.

You can, however, browse or generate an element with a source length greater than 255.

2.25.3 Signout Processing

Endevor Quick Edit performs standard Endevor signout processing for the element if SIGNIN/SIGNOUT processing is activated for the system. Signout processing is performed for the EDIT option and the GENERATE ELEMENT option.

EDIT Option: Signout checking is done before the element is copied to the external data set. Endevor Quick Edit verifies that the element is not signed out. If the element is signed out to another person and the OVERRIDE SIGNOUT field is set to *Y*, Endevor Quick Edit verifies that this user is authorized to override the signout.

In a fetch situation (for Edit or Generate), when override signout is needed, the signout of the element that was fetched will not change to you even if SOFETCH=Y. In the entry stage in which the element is put, however, the element will be signed out to you.

GENERATE ELEMENT Option: Endevor Quick Edit follows essentially the same process to verify signout for the GENERATE action that Endevor uses:

Step	Action	What Happens
1	Endevor Quick Edit checks whether the element is signed out to you.	■ If *YES*, processing continues. See Step 3. ■ If *NO*, see Step 2.
2	Endevor Quick Edit checks the OVERRIDE SIGNOUT option.	■ If *authorized*, processing continues. See Step 3. ■ If *not authorized*, processing stops and you receive an error message.
3	Endevor Quick Edit copies the element into Stage 1 of the base environment, if it is not already there, and generates it.	The element is signed out to you—at Stage 1—after it is generated. **Note:** The element is not considered signed out to you at the location from which it is taken, if that location is a stage further up the map.

2.25.4 CCID and Comment Support

Endevor Quick Edit provides the level of CCID and comment support that is indicated on the base system record. Endevor Quick Edit handles CCID and comment support as follows:

- Checks CCIDs and comments before the element is copied to the external data set.
- Does **not** update the RETRIEVE CCID or comment for the element when it is copied to the external data set.
- Updates the Last Action CCID and Last Action Comment when source management is performed and when the generate processor is executed.
- Calls the appropriate Information/Management CCID interface routine to generate the action CCID. This occurs only if the Information/Management Interface (*Release 3.6.1 only*) is active.

2.25.5 Serializing the Element

Endevor Quick Edit puts a "lock" on an element when it is being edited or generated. This lock is placed at both the base environment and the source environment (if the element is taken from up the map). Therefore, other Endevor actions against the element, such as SIGNOUT or RETRIEVE, may be prohibited while you are editing that element. You can, however, use any of the DISPLAY functions (such as browse or change history) against the element while it is being edited.

2.25.6 Security

Endevor Quick Edit uses the Endevor security system to verify that a user is authorized to perform the requested actions against the element. The following security checks are performed:

- Does the user have RETRIEVE authority for the element at the inventory location at which the element was found?
- This check occurs when the element is copied to the external data set from Endevor.
- Does the user have DISPLAY authority for the element at the inventory location at which the element was found?
- This check occurs when the user selects the BROWSE, HISTORY, CHANGES, or MASTER options.
- Does the user have OVERRIDE SIGNOUT authority for the element at the inventory location at which the element was found?
- This check occurs when the OVERRIDE SIGNOUT field is set to *Y* and the element is signed out to someone else.
- Does the user have ADD or UPDATE authority for the element at the entry stage?
- This check occurs before Quick Edit copies the element to the external data set for the EDIT command. If the element exists at the entry stage, the user must have UPDATE authority. If the element does not exist at the entry stage, the user must have ADD authority for the element at that stage.
- Does the user have GENERATE authority for the element at the entry stage?
- This check occurs when the user selects the GENERATE ELEMENT option.

Note: For the Endevor QUICK-EDIT option, security checks are done before Endevor Quick Edit copies the element to the external data set. Therefore, you must have the proper ADD or UPDATE authority, even if you do not intend to change the element.

Because of these security checks, it is recommended that you do not use the Endevor QUICK-EDIT option to browse an element. Rather, you should use the BROWSE option.

2.25.7 Edit Recovery

Quick Edit recovers changes made during a work session if there is a system or session crash, such as a time-out. Quick Edit moves the Endevor element to an OS/390 data set, where a standard ISPF EDIT command can be used to edit the data set.

To deactivate this recovery feature, enter the RECOVERY OFF command when the edit session panel is displayed.

2.25.8 Source Management or Processor Failures

When you issue the END command, two types of failures can occur: source management failure or generate processor failure. Endevor Quick Edit handles these failures as follows:

Source Management Failure: A source management failure can occur when Endevor Quick Edit is writing the element to Endevor. If a failure occurs, Endevor Quick Edit displays an error message but leaves you in the Edit session.

If you receive a source management error, follow the steps below to save any changes you made:

Step	Action
1	Use the Edit CREATE command to save the element in an external data set.
2	Enter the CANCEL command to terminate the Edit session.

After you correct the problem, you can edit the element again. Use the Edit COPY command to replace the element displayed with the element saved in Step 1.

Generate Processor Failure: The generate processor is not invoked unless source management has completed successfully. If the processor fails, Endevor Quick Edit displays the message data set. When you have finished reviewing the messages, Endevor Quick Edit redisplays either the Endevor Quick Edit panel or the Element Selection List. The ISPF/PDF Edit services are not reinvoked.

A valid copy of the element is placed under Endevor control, but the element may not be in a valid state. You can use the EDIT option to correct the element. If necessary, you can use the GENERATE ELEMENT option to regenerate the current level of the element.

2.25.9 Creating an Element from an Existing Element

In some cases, you may want to create a new element from an existing Endevor element. Endevor Quick Edit does not allow you to directly access an existing element from within the Edit session. If the element type uses either reverse deltas or a source output library, however, you can copy an image of the element into the Edit session. Follow the procedure below:

Step	Action
1	Use the CREATE command to invoke the ISPF/PDF editor.
2	From the Edit command line, enter the COPY command.

Step	Action
3	On the Edit-Copy panel, enter the name of the source output library or a base library. Include the name of the element to be copied.
4	Press ENTER. The element requested appears on the Edit panel.

Make the necessary changes to the element. The element is added to Endevor when you enter the SAVE or END command.

Index

E

G

H

I

L

M

N

O

P

Q

S

T